



Dr. Ratna Setyaningsih, M.Si.

Teaching Areas:

Microbiology

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SELECTED PUBLICATIONS

2020. Antibacterial activity of endophytic fungi in *Pometia pinnata* against *Staphylococcus aureus* and methicillin-resistant *Staphylococcus aureus*. *Biodiversitas* 21 (11)

2020. The Effect of heat treatment on antioxidant activity of ethyl acetate extracts *Arbila* beans from Kapan, East Nusa Tenggara. *IOP Conference Series: Materials Science and Engineering* 858 (1)

2020. Morphology, molecular identification, and pathogenicity of *Vibrio* spp. on blood clam (*Anadara granosa*) in Yogyakarta, Indonesia tourism beach areas. *Biodiversitas Journal of Biological Diversity* 20 (10)

2019. Colony morphology and molecular identification of *Vibrio* spp. on green mussels (*Perna viridis*) in Yogyakarta, Indonesia tourism beach areas. *Biodiversitas Journal of Biological Diversity* 20(10):

2019. Metagenomic analysis of microbial community in over-fermented tempeh. *Biodiversitas Journal of Biological Diversity* 20 (4), 1106-1114

RESEARCH PROJECTS

Skrining Dan Uji Bioaktivitas Senyawa Berpotensi Antibakterial Gel Lendir Ikan Lele (*Clarias Sp.*) (team member).

Bakteri Endofit Penghasil Enzim Antikanker L-Asparaginase Dari Tanaman Mangrove *Rhizophora Mucronata* (team member).

Eksplorasi Jamur Endofit Dari Tanaman Obat Indonesia Dan Uji Potensinya Menghasilkan Senyawa Bioaktif (team leader).

Keanekaragaman *Vibrio* Spp. Pada Kerang Darah (*Anadara Granosa*) Dan Kerang Hijau (*Perna Viridis*) Di Kawasan Pantai Wisata Yogyakarta Dengan Menggunakan Teknik Pcr Sekuensing. (team member).

Karakterisasi metagenomik komunitas mikroorganisme selama proses over-fermentasi Tempe (tempe bosok) (team member)

ACADEMIC CAREER

[2006-present] : Assistant Professor, Faculty of Mathematics and Natural Sciences

[2006-2011] : Dr. Biology IPB University

[1997-2001] : M.Si. Biology Gadjah Mada University

[1985-1992] : Dra. Biology Gadjah Mada University [2009-2015] :
Dr. Biotechnology of Post-Graduate School, Gadjah Mada University.

[1998-2001] : M.Si. Biology Faculty of Biology Gadjah Mada
University.

[1988-1994] : S.Si Biology Faculty of Biology Gadjah Mada
University.